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GRADUATE SCHOOL
UNITED STATES DEPARTMENT OF AGRICULTURE

A NEWSLETTER, issued occasionally for the information of staff, faculty, GENERAL ADMINISTRATION BOARD and Departmental Committees of the Graduate School.
(Margaret D. Calhoun, Editor)

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SPRING SEMESTER IN FULL SWING

Spring statistics list class offerings as 140 with approximately 2300 course registrations and over 100 instructors. Fields of major student interest cover a wide range, enrollment showing the most popular subjects to be statistics, accounting, trigonometry, economics, office techniques, photography, home decoration, administration, grammar and composition, metallurgy, reconstruction and employment.

Veterans make up approximately 25% or 400 of all spring registrants. Their interests, too, seem quite diversified, including letter writing, languages, photography, statistics and administration.

EDUCATIONAL COUNSELING FOR VETERANS

Each day more and more veterans are flocking to educational institutions. The American Council on Education estimates that 1/4 million will be registered in colleges this spring semester and by fall the number is expected to exceed 600,000.

With the influx of returned servicemen to our colleges comes the all important job of giving them educational aid and advice. Since the GS has been designated by the VA as an approved educational institution, many requests are received by the GS staff for educational counseling. Some come in person seeking aid while others in the District or field, phone or write. Recently, to expedite matters, the GS sent to the various bureaus a flier: Helping Veterans Make Maximum Use of their Educational Benefits - which from all reports

has been exceedingly helpful. The advisability of setting up a formal counseling service for veterans is being explored with both VA and Department people.

GS GENERAL ADMINISTRATION BOARD MEETS

On February 21 the GS General Administration Board convened. The agenda included a progress report by the GS director, summarizing the spring semester program, curriculum reorganization and special programs. The board then discussed internship and fellowship programs: one proposed by OFAR; another proposed in Mathematical Statistics; and lastly fellowships in universities for USDA employees. The board also gave extensive consideration to the proposed special Summer School to be held in California at the FS camp. Two new people were named to head the Departments of Public Administration and Physical Sciences, and a Departmental Committee member in the Physical Sciences was selected.

CORRESPONDENCE INSTRUCTORS MEET

On Thursday, February 21, the instructors of the GS Correspondence Study Program met to discuss activities and progress. Reports showed an enrollment of 262 active registrants in the 15 courses offered. And from an examination of student records, their background and training proved diverse and widespread. The faculty was in agreement on the extreme interest evidenced by correspondence students in their classes. An increasing demand for this type of work was found to be prevalent.

COOPERATIVE COURSES

Well under way are two recently organized courses in mathematics. One, Trigonometry and Analytic Geometry, given on Monday and Thursday at the Naval Research Laboratory, especially for the benefit of their personnel, is being taught by A. S. Housholder. Dr. Housholder, now with NRL, was graduated from Cornell and received his Ph.D. at Chicago. Well versed in teaching he has had experience at Northwestern, Illinois Institute of Technology and the University of Chicago.

The other mathematics course, Review of Differential and Integral Calculus, is being conducted by Lt. Condr. Andrews at the Bureau of Ships, particularly for the Bureau's employees and is in the nature of a refresher course in preparation for more advanced work in the fall. Lt. Condr. Andrews took his master's degrees in mathematics and physics at Oregon State and has taught in the high schools and colleges in Oregon.

Under the auspices of the Department of Engineering and Mechanical Arts, a course entitled Analysis of Rigid Frames started the week of March 18. Although developed at the request of the Navy Department and held there, this class, instructed by A. Amirikian, Head Engineer, Yards and Docks, Navy, is open to other Federal employees.

SCIENTIFIC PERSONNEL ISSUES

The GS has been cooperating with the Interbureau and Inter-Departmental Committee on Scientific Personnel in making a survey to determine educational needs of scientific personnel in the Federal service. Those interested have been asked to indicate their preference in the general fields of biology, chemistry, engineering, geology, mathematics and physics. Department employees of AR, FS, PMA and SCS have been contacted and their specific fields of interest ascertained. Eighty-one out of 360, listed courses, classified as engineering, as their choice.

When all the questionnaires from Federal workers in Washington have been tabulated, the Advisory Committee on Scientific Personnel will work with the GS and other local institutions in providing desired courses, where practicable.

Already the classes mentioned under COOPERATIVE COURSES, have been established. In addition to these, requests have come from the Bureau of Census, Suitland, for courses in statistics; from War and Navy for additional courses in engineering; from Beltsville for classes to be held there. This last request will be complied with in the fall.

GS DEPARTMENTAL COMMITTEES

The number of advisory committees in the various GS Departments concerned with curriculum reorganization and re-appraisal now total between 30-35 groups, comprising about 250 people. The majority of these groups have met several times and have made valuable recommendations. Also, an entirely new committee on Space and Facilities has been formed to consider procedures with reference to effective utilization of space for classroom purposes. Members are E. C. Norberg, P&O; Fred Hughes, PMA; C. S. Shoenhals, AR; Carl Herrick, OP; Mackey White, P&O; Roy Swanson, PMA; Edward Johns, PMA.

Department of Engineering and Mechanical Arts

As stated in the December NEWSLETTER, this was the first Department to map out a plan for handling its particular problems with the result that three advisory committees were set up consisting of: 1. representatives of Federal agencies employing engineers; 2. representatives of National Engineering Societies; and 3. representatives from bureaus in the USD. which employ a number of engineers. The first two groups, together with GS instructors in this Department, met on January 15.



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After an introduction by the Chairman, F. J. Sette, on the general background and plans for reorganization of the Engineering and Mechanical Arts Curriculum, and a short talk by GS Director Rohrbaugh, R. W. Trullinger, OES, spoke on the Government's Need of Broad-Gauged Engineers and F. S. Warner, FPC, talked on the subject of why students attend college. Tentative recommendations as to the program of engineering courses, which had been distributed, were discussed and taken back by the representatives for study by their respective organizations.

A similar meeting took place on March 12 at which time reports and recommendations for the needs of specific engineering courses were made by various representatives. These recommendations included course content and description, level, number of hours, length, need for laboratory, groups to be served and related details. Chairman Sette announced that the GS Departmental Committee would study these course recommendations and report back to the Advisory Committees the Coordinated program it thinks would be feasible for the 1946-47 session.

Members of the Government Advisory Committee in this department include: Lt. L. P. Brown, Navy; Pamela C. Daniels, Aeronautics; J. C. Green, Commerce; J. E. Hansbury, ICC; F. E. Levi, B.B; G. W. Minnoweaver, Interior; Carter McFarland, HHL; W. S. McLeod, Treasury; R. P. Miller, FSA; W. H. Rehlaender, FHL; W. E. Spofford, Maritime Commission; E. J. Stocking, CSC.

Those representatives on the Engineering Societies Advisory Committee are: Comdr. R. T. Adams, Amer. Soc. of Photogrammetry; H. W. Austin, Amer. Assoc. of Engineers; Lt. Comdr. J. J. Bowe, D. C. Soc. of Prof. Engineers, Inc; Frederick J. Ficker, Washington Soc. of Engineers; E. D. Jacob, Amer. Soc. of Civil Engineers; W. J. Lynett, Natl. Soc. of Prof. Engineers; A. L. Shalowitz, Amer. Congress in Survey and Mapping; H. W. Turner (H. L. Nichols, Alternate), Amer. Soc.

of Agric. Engineers; F. H. Walters, Jr., Amer. Society for Metals; Rudolph Michel, Amer. Soc. of Mech. Engineers.

H. W. Turner, Ass't. Chief, BPISLE, is Chairman of the Agricultural Advisory Committee in Engineering and Mechanical Arts.

At a Departmental Committee meeting on February 21, Ruth O'Brien, Ass't. Chief, HME, was named to head an advisory committee to make recommendations for an expanded program in textiles, and Marshall S. Wright, Office of Secretary, heads the advisory group studying the curriculum in photography. As a result of a survey of the HME personnel, Miss O'Brien presented before her committee on March 7, a list of courses desired in the textile field. Action was taken on her recommendations after some discussion.

Department of Physical Sciences

At committee meetings of this department, held on January 23 and February 1, agenda involved review of the work of the Inter-departmental Advisory Committee on Scientific Personnel; recommendations for reappraisal of course programs in the major Physical Sciences; presentation of tentative drafts of proposed curricula in chemistry, social sciences, meteorology, geology and metallurgy; information to be included when listing courses.

At an informal meeting on February 13, a group came together to discuss existing opportunities in geography, geology, and the social sciences, with a view to their possible expansion especially in the field of geography.

Department of Biological Sciences

The Departmental Committee of the Biological Sciences, chaired by Howard P. Barss, OES, met in January and also on March 14. Discussion centered around the extent of need for fundamental under-

graduate and graduate courses. Suggestions were made for a series of survey type courses to be offered, giving emphasis to new principles and leading accomplishments in specific fields.

PERSONALS

Chairmen Named

The GS General Administration Board, a February meeting, approved the recommendation of W. G. Finn, Ass't. Director, Field Service Branch, RM, as head of the Dept. of Public Administration, and Henry Stevens, Head, Allergen Investigations, BHC, to a similar position in the Physical Science Dept. They replace, respectively, C. E. Kellogg and Verne B. Lewis, both of whom resigned because of the pressure of other duties.

At this same meeting, Charles F. Sarlo, Weather Bureau, was named a member of the Dept. Committee on Physical Sciences.

Job Changes

George L. Ridgway - (International Government) has left the State Department to take a position with International Business Machines. Robert Kull, a graduate of the Fletcher School of Law and Diplomacy, Rutgers, replaces him.

Charles B. Nutting - (Administrative Law) left the Office of the Solicitor in February to become Prof. of Law, University of Pittsburgh, Law School.

Charles H. Mason - (Federal Government Accounting) from Office of Budget and Finance to Ass't Chief, Budget Division, in charge of Corporate Type Budgets, RM.

George A. Fuller - (Commercial Air Transportation) has been transferred to the Chicago Office of United Air Lines.

Clayton E. Whipple - (Economic Geography) now Head, Europe-Soviet Union, Middle East Division, OFAR.

New Instructors

James Q. Reber, Foreign Affairs Specialist, Secretary's Staff Committee (Central Secretariat), State, to teach World Politics. A graduate of Manchester College, Dr. Reber received his Ph.D. from Chicago in 1939. His teaching experience has been in the Social Sciences at Wilson City College; History and Political Science - Manchester College; International Relations - Chicago. Dr. Reber has worked with several Federal agencies, and is co-author of the book "Introduction to the Social Sciences."

Henry H. Ware, Ass't. Chief, Russian Unit, Commerce, to replace Valery J. Tereshtenko, as instructor in Contemporary Russia. A graduate of Columbia, Mr. Ware has taught at Allegheny College, lectured at Cornell, Princeton and other colleges on the Soviet Economic System. He also served in the U. S. Army as Ass't. to the Commanding General, U. S. Military Mission, Moscow, as interpreter, translator, and consultant in Soviet economy.

On Mission

Affif I. Tannous - (Arabic), OFAR, has left with a group making a general agricultural survey of several months in the Middle East.

